

Kemppi Arc System 2.0 – ArcQuality

ArcQuality work process



View ArcQuality data records securely from any location worldwide.



ArcQuality Smart reader records and compares information to the WPS.

How it works

Before welding commences, the operative's first task is to log into the ArcQ system using the ArcQuality Smart Reader. By scanning the bar code on their personnel identification name tag, the welders professional qualifications are identified.

Scanning and recording the WPS bar code ensures such variables as qualifications are suitable and in date. Filler material and shielding gas selection is also scanned, compared and verified.

The ArcQuality Smart reader LCD screen communicates WPS compliance or deviation using bright green or red screen alerts, ensuring the welder is reliably informed and able to take suitable corrective action if required before welding, avoiding wasted time and costly rework.

Quality office reporting monitors welding activity and WPS compliance from all ArcQuality active work stations, allowing swift supervisory intervention should local warnings have been missed or ignored.

Validate welding quality

An excellent solution for immediate, local quality control, ArcQuality provides many practical advantages for both production, quality and managerial teams involved. ArcQuality supports both MIG/MAG and TIG welding process, where stringent demands for operator competence, parameter setting and materials conformity are extremely important. All data is recorded within the ArcQuality system, stored and available to support the combined welding quality records.

Suits multiple site management

ArcQuality provides beyond the immediate local team needs. Multiple site businesses can specify remote read access using an innovative 'cloud' based information share system, allowing ArcQuality report activity to be viewed securely from any location worldwide. By simply logging into and reviewing any welding site connected to your network, ArcQuality will keep you up to date and help monitor and manage project quality and performance at distance.

Standards conformance

Kemppi Arc System and its module ArcQuality, provide the simple, but formal solution to ensure conformance to set welding quality standards. Of course customers may have slightly different demands in order to meet their local site needs and integrate ArcQuality to their existing quality system, so Kemppi project team can tailor most needs through client consultation and project development.